Table 5-1. Required Sample Containers, Preservatives, and Holding Times.[1]

Analysis Type	Matrix	Container Size	Holding Time[1]	Preservation
NWTPH-GRO	Soil/Sediment	4 oz glass with Teflon coated/Septum lid	14 days extraction/analysis	Ice (4°C)
NWTPH-DRO	Soil/Sediment	4 oz glass	14 days extraction/40 days analysis 1 year until analysis	Ice (4°C) Frozen (-18°C)
SVOCs	Soil/Sediment	8 oz glass	14 days extraction/40 days analysis 1 year until analysis	Ice (4°C) Frozen (-18°C)
Pesticides/PCBs	Soil/Sediment	8 oz glass	14 days extraction/40 days analysis 1 year until analysis	Ice (4°C) Frozen (-18°C)
Dioxins/Furans	Soil/Sediment	8 oz glass	14 days extraction/40 days analysis 1 year until analysis	Ice (4°C) Frozen (-18°C)
Metals	Soil/Sediment	4 oz glass	6 months/28 days* 2 years until analysis (except mercury)	Ice (4°C) Frozen (-18°C)
TOC	Soil/Sediment	4 oz glass	14 days 6 months	Ice (4°C) Frozen (-18°C)
Total Sulfides/Ammonia	Soil/Sediment	4 oz glass (zero headspace)	7 days	Ice (4°C)
Grain size	Soil/Sediment	16 oz glass	6 months	Ice (4°C)
Atterburg Limits	Soil/Sediment	Inc.	NA	Ice (4°C)
Specific Gravity	Soil/Sediment	Inc.	NA	Ice (4°C)
Moisture Content/Bulk Density	Soil/Sediment	Inc.	NA	Ice (4°C)
NWTPH-GRO	Water	Two 40-mL glass with Teflon lined Septum lid	14 days extraction/analysis	1+1 HCl to a pH <2 Ice (4°C)
NWTPH-DRO	Water	One 1-liter amber glass	14 days extraction/analysis	1+1 HCl to a pH <2 Ice (4°C)
SVOCs	Water	Two 1-liter amber glass	7 days extraction/40 days analysis	Ice (4°C)
Pesticides/PCBs	Water	Two 1-liter amber glass	7 days extraction/40 days analysis	Ice (4°C)
Dioxins/Furans	Water	Two 1-liter amber glass	7 days extraction/40 days analysis	Ice (4°C)
Metals	Water	One 1-liter HDPE	6 months/28 days*	Ice (4°C), HNO_3 pH<2

Table 5-1. Required Sample Containers, Preservatives, and Holding Times. (continued)

Analysis Type	Matrix	Container Size	Holding Time[1]	Preservation
TOC	Water	One 500-mL HDPE	28 days	Ice (4°C), H_2SO_4 pH<2
TSS	Water	One 1-liter HDPE	--	Ice (4°C)
Hardness	Water	One 1-liter HDPE	--	Ice (4°C)
Bioassays	Sediment	Three 1-liter amber glass	8 weeks	Ice (4°C) No Headspace or Purged with Nitrogen Gas

1 Storage temperatures and maximum holding times for physical/chemical analyses and sediment toxicity tests (PSEP 1997a,b, Ecology 2003)

* Holding time for mercury is 28 days. Holding time for the other metals is 6 months.

Note: All holding times are from the date of sampling. Samples should be analyzed as soon as possible after collection. The times listed are the maximum times that samples may be held before analysis without being qualified.

Table 5-2. Primary Waste Streams and Disposal Methods.

Waste Stream	**Estimated Quantity**	**Storage/Disposal Method**
Excess/Rejected Soil/Sediment Samples	*< 1000 lbs*	Returned to test pit location/bank of creek
Excess Surface Water/Groundwater Samples	*<20 gallons*	Returned to creek or poured on ground near location
Purged Groundwater before Sampling	*<200 gallons*	Poured on ground near location
Decontamination Wastewaters (except solvents)	*<100 gallons*	Poured onto ground near processing area
Personal Protective Equipment (PPE)/ Miscellaneous Debris	*<25 cubic ft*	Containerize/offsite disposal by Integral
Decontamination Solvents (methanol and hexane)	*<10 gallons*	Containerize and allow to evaporate/ offsite disposal by Integral if required

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